Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date \_\_\_\_\_\_\_\_Section\_\_\_-\_\_\_

**Division of Decimals**

Show all your work on this page. You may use the back.

Complete all problems 1-8.

1. 0.35 ÷ 5 0.07
2. 243.2 ÷ 8 30.4
3. 0.0027 ÷ 9 0.0003
4. 5.09 ÷ 100 0.0509
5. 743.76 ÷ 200 3.7188
6. 1.008 ÷ 0.8 1.26
7. 14.1 ÷ 0.6 23.5
8. 0.3 ÷ 0. 04 7.5

Choose AT LEAST THREE of the following problems to complete. You can do more!

1. Consider the numbers named by 0.016; 1.6; and 0.16. What is the quotient if you divide the greatest number by the least number?

100

1. A machine uses 4 L of fuel each hour. At that rate, how long can it run with 32.8 L of fuel?

8.2 hours

1. A rope 40.8 m long is to be cut into four pieces of the same length. How long will each piece be?

10.2 meters each

1. Each can of oil costs $0.92. How many cans of oil can be purchased with $23?

25 cans

1. Josh made a shawl. He used 9.6 m of woven material. He spent $50.40 buying the material. How much did each meter cost?

$5.25 per meter

1. Each corn flake has a mass of about 0.08g. How many flakes will it take to have a mass of 20.4 grams?

255 grams

1. It takes a wheel 0.6 seconds to make a revolution. What part of a revolution will it make in 0.018 seconds?

0.03 of a revolution